

FIGURE 1

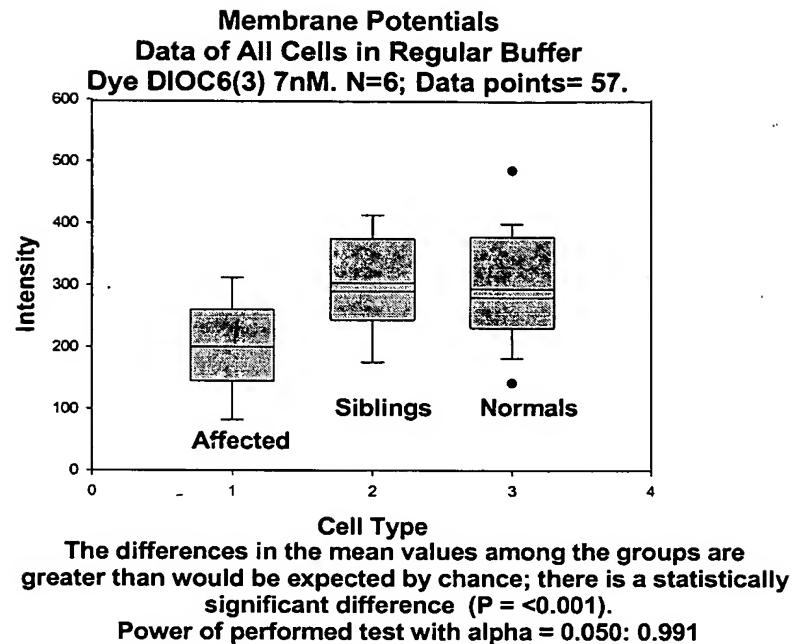
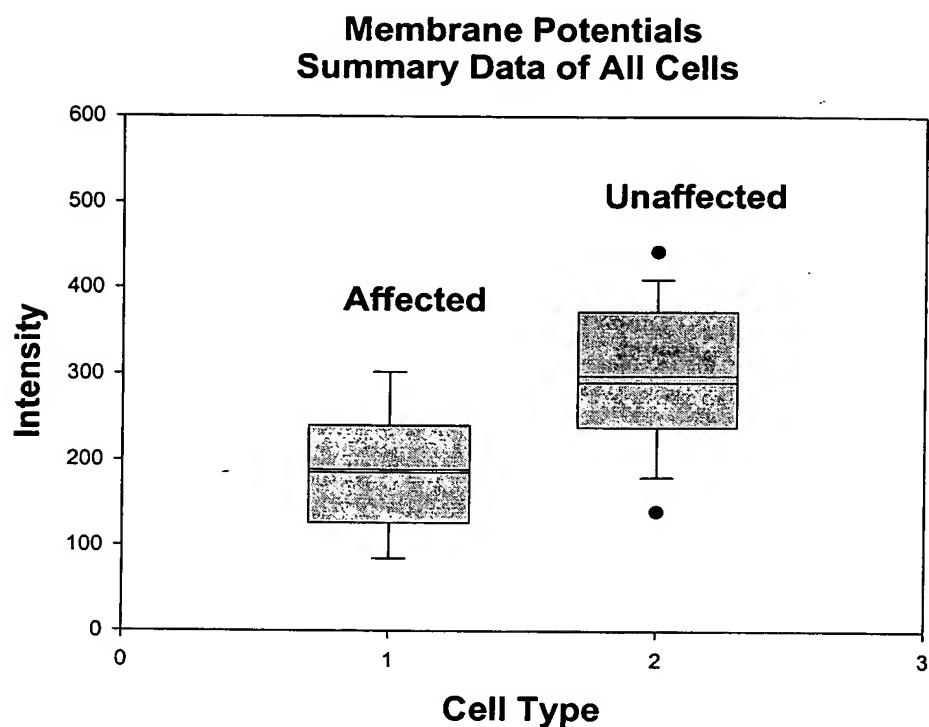
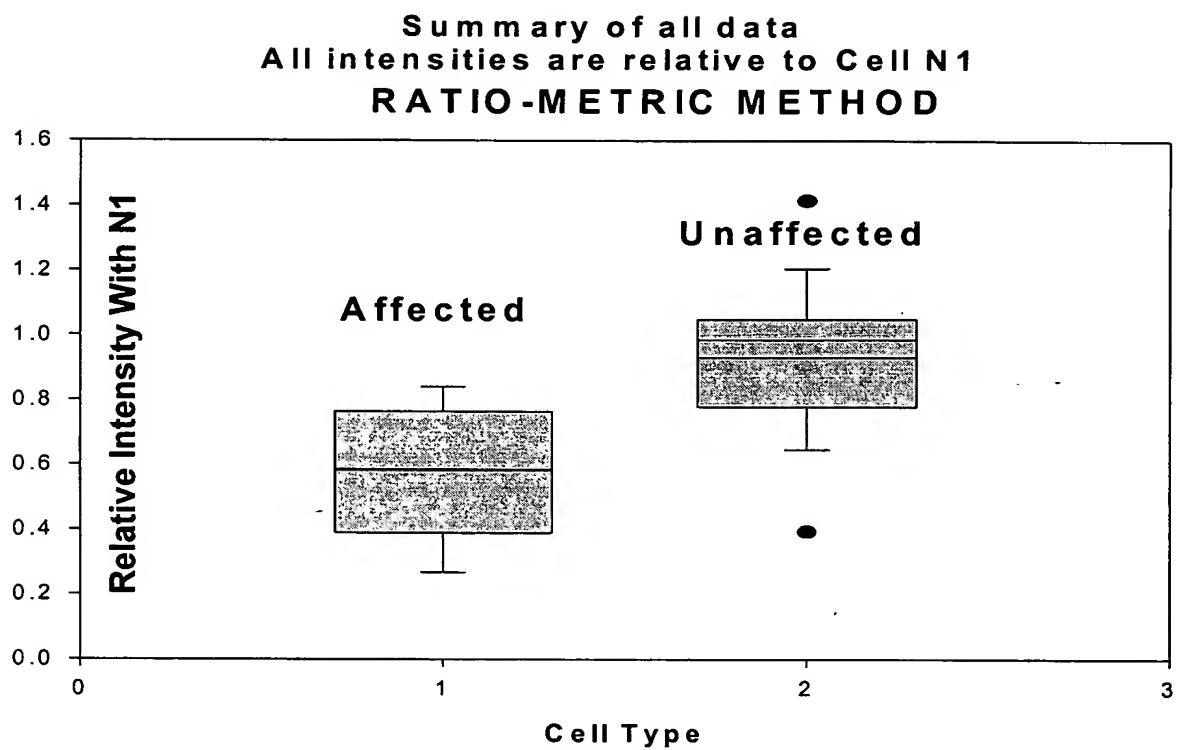


FIGURE 2



95 percent confidence interval for difference of means: -159.577 to -66.090
The difference in the mean values of the two groups is greater than
would be expected by chance; there is a statistically significant difference
between the input groups ($P = <0.001$).
Power of performed test with alpha = 0.050: 0.999

FIGURE 3



$t = -5.386$ with 54 degrees of freedom. ($P = <0.001$)
95 percent confidence interval for difference of means: -0.478 to -0.219
The difference in the mean values of the two groups is greater than
would be expected by chance; there is a statistically significant
difference between the input groups ($P = <0.001$).
Power of performed test with alpha = 0.050: 1.000

FIGURE 4

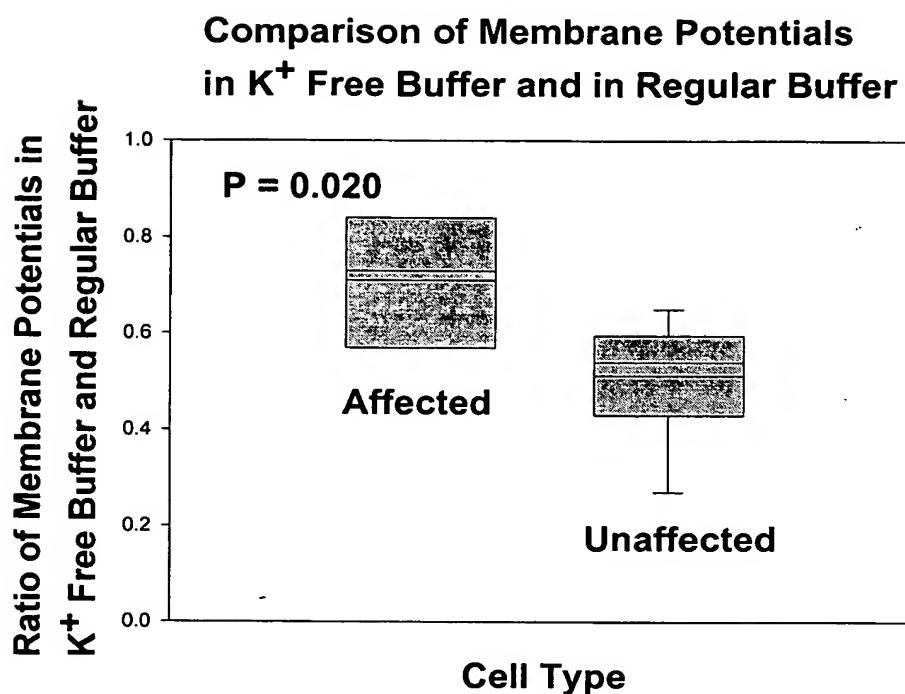


FIGURE 5

Ethacrynone Induced Changes in Membrane Potential

Cells were incubated for 30 min in presence or absence of ethacrynone in regular buffer or in K⁺ free buffer.

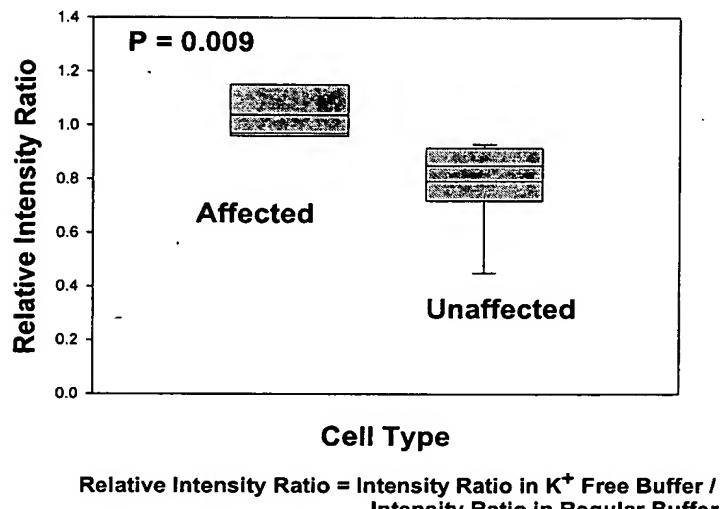


FIGURE 6

Effect of Ethacrynone on Membrane Potential
Cells were incubated in K⁺ Free Buffer with or
without ethacrynone (30 μ M).

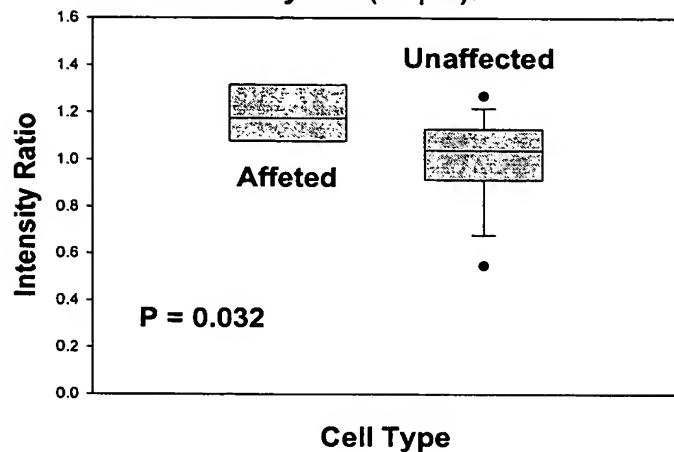
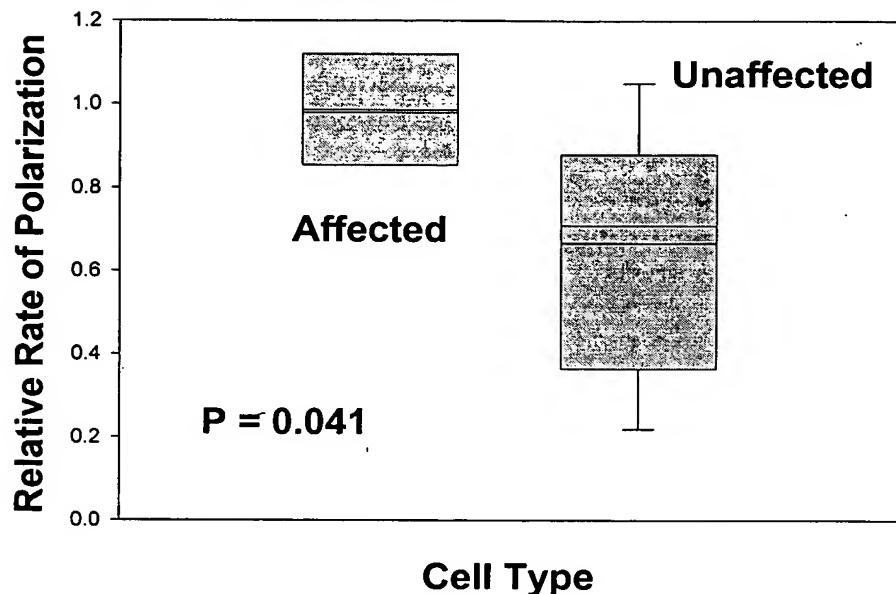


FIGURE 7

Relative Rate of Polarization
Cells were incubated for 30 min with
and without ethacrynat in regular buffer
or in K⁺ free buffer.



**Relative Rate of polarization = Polarization Ratio in K⁺ Free Buffer /
Polarization Ratio in Regular Buffer**

FIGURE 8

Effect of Monensin on Membrane Potential
Cells were incubated for 30 min in K⁺ Free Buffer
with or without monensin (10 µM).

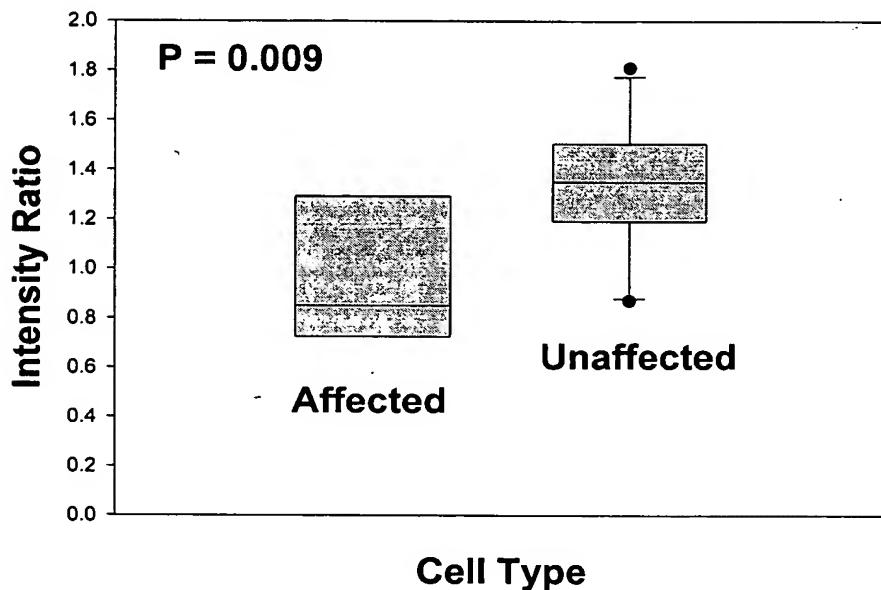


FIGURE 9

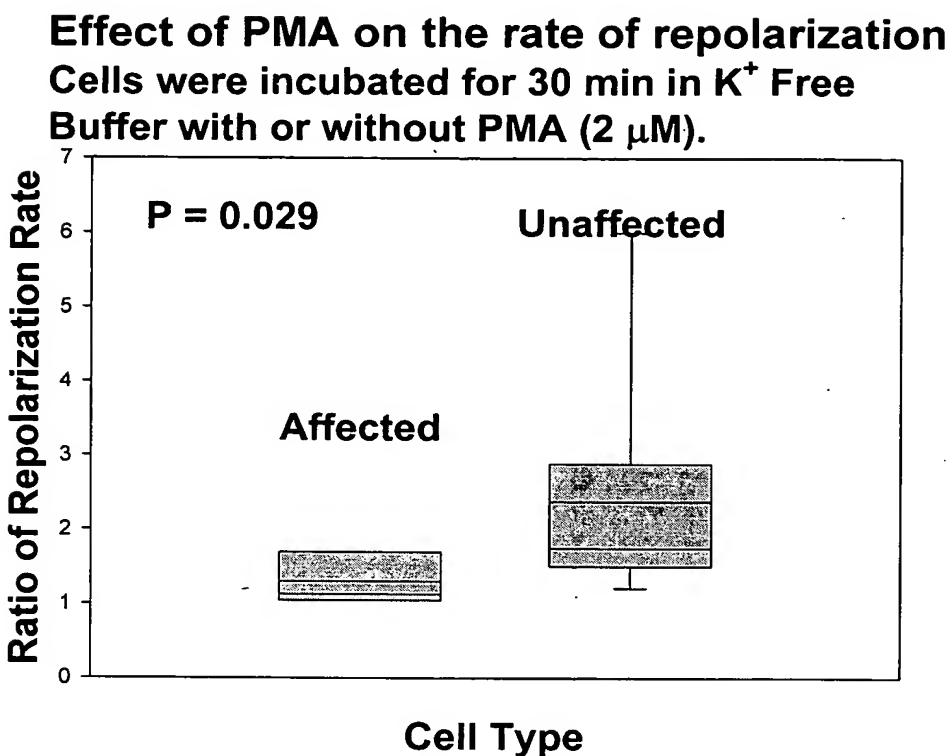


FIGURE 10

Effect of PMA on the Relative Rate of Repolarization
Cells were incubated in regular or K⁺free buffers with
or without PMA (2 μ M) for 30 min.

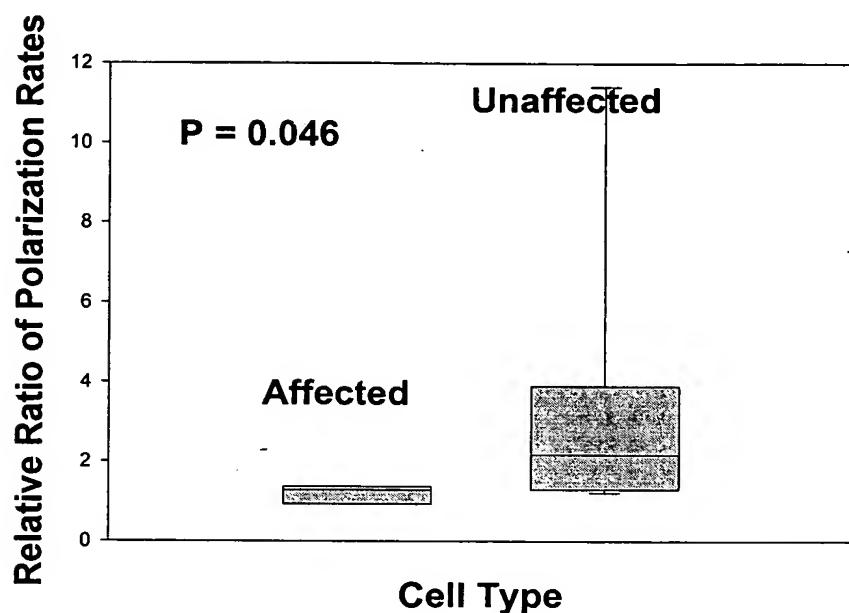


FIGURE 11

Effect of Lithium on Membrane Potential
Cells were incubated in Regular or in K⁺Free Buffer
for 2 hours with or without LiCl (20 mM).

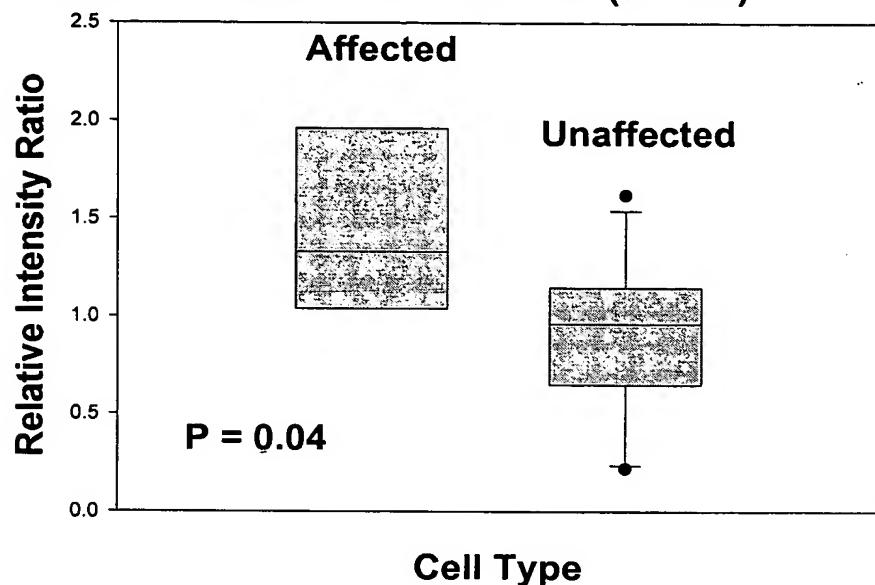


FIGURE 12

CLINICAL TRIALS (OPEN SAMPLES)
P<0.001
WHOLE BLOOD

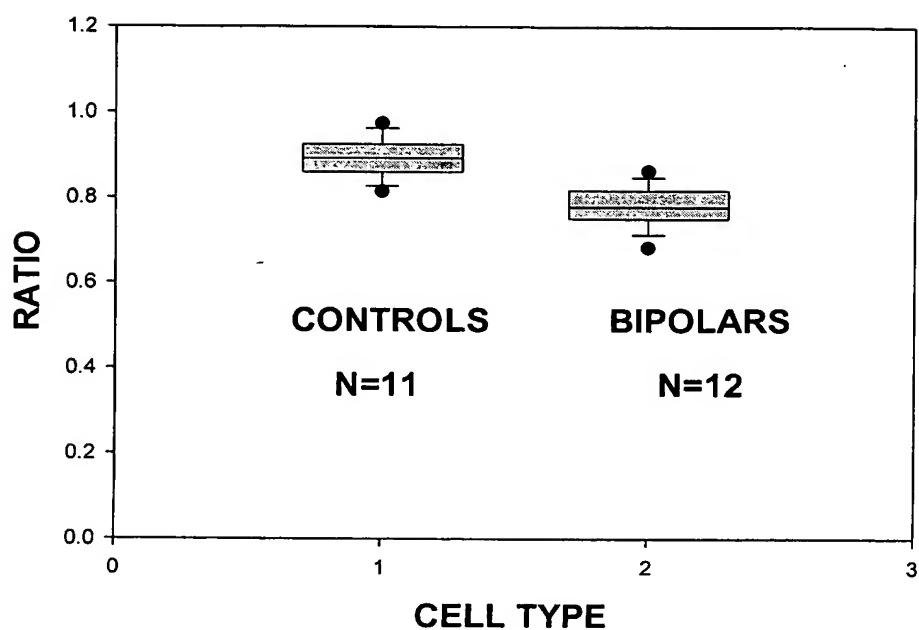


FIGURE 13

**COMPARISON OF ETHACRYNATE
AND SORBITOL IN K⁺FREE BUFFER**

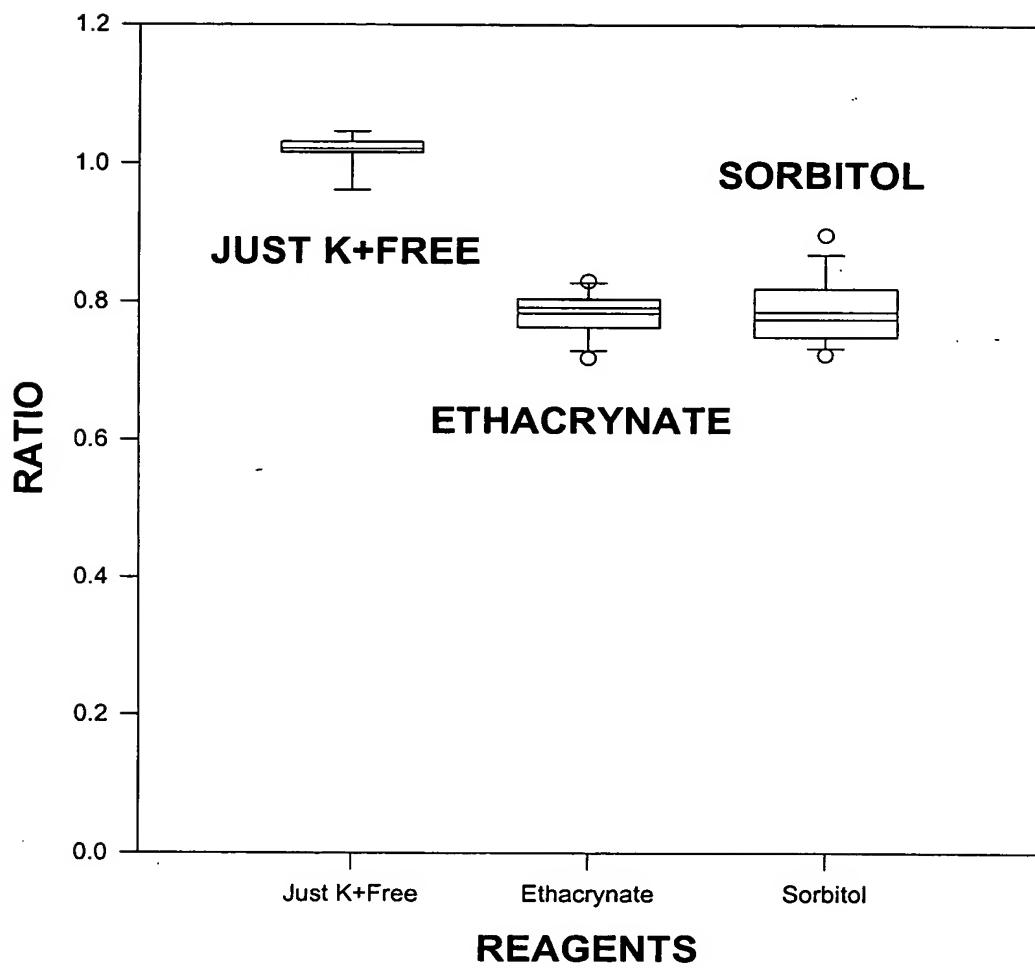


FIGURE 14

**CLINICAL TRIALS
BLIND WHOLE BLOOD SAMPLES
 $P << 0.001$**

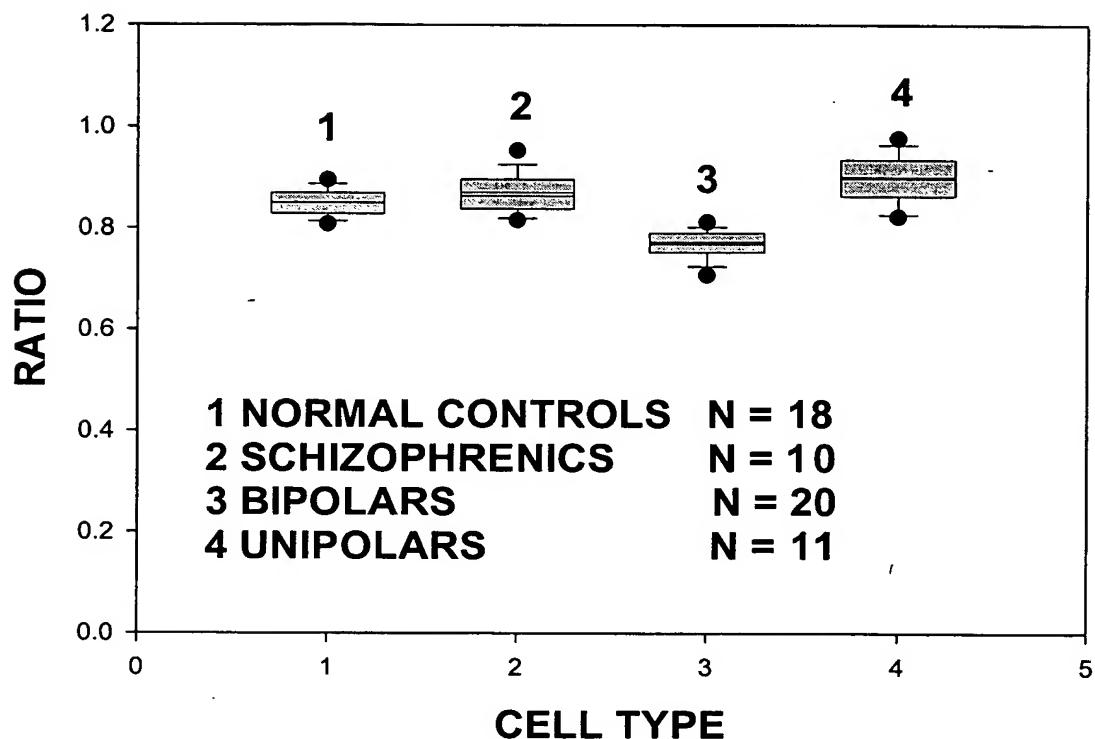


FIGURE 15

**EXAMPLE OF ANOVA TO DIAGNOSE
A BIPOLAR PATIENT
PATIENT-A IS BIPOLAR**

